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(54) Title: PIN COATED ASSAY

(57) Abstract: A method for identifying an agent that has an influence on the amount of an analyte expressed by a cell, said method comprising: - stimulating a cell to produce at least 2 analytes, - forming, in the absence and in the presence of a candidate compound, on the pins of a matrix at least 2 recognition complexes between an analyte and a recognition molecule, - treating said recognition complexes with detection molecules to obtain on the pins of the matrix detection complexes, - determining each amount of each detection complex formed on the pins, - comparing each amount of detection complex formed in the absence and in the presence of a candidate compound, and - choosing a candidate compound which has an influence on the amount of at least one of the detection complexes formed as a pharmaceutical agent.

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